

Status of the Claims

1-20. *(Canceled)*

21. *(Previously presented)* A method of enabling a user to organize and analyze information, comprising:

searching an input first group of documents to output a second group of documents;

analyzing an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

selectively iterating at least one of the searching and at least one of the analyzing, wherein each iteration of the searching or the analyzing is performed using as the input one of the second group of documents, the fourth group of documents, or the output of a previous iteration;

wherein said selectively iterating includes:

performing an additional iteration of the searching using the fourth group of documents as input, to output a fifth group of documents.

22. *(Previously presented)* The method of claim 21, further comprising:

making at least one of the second group or the fourth group a permanent group.

23. *(Previously presented)* The method of claim 21, wherein the searching comprises:

performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

24. *(Previously presented)* The method of claim 21, further comprising:

performing a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

25. *(Previously presented)* The method of claim 24, wherein relevancy visualization analysis operates according to a rule book.

26. *(Previously presented)* The method of claim 25, wherein the rule book comprises patent specific rules.

27. *(Previously presented)* The method of claim 21, further comprising:

generating an object corresponding to a search process component or an analyze process component of a work flow represented by the searching, analyzing, and selective iterating.

28. *(Previously presented)* The method of claim 27, wherein an object is generated using object definitions.

29. *(Previously presented)* The method of claim 28, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;
- an import object definition;
- a list exploder operation object definition;
- a list object definition;
- a query object definition; or
- a patent family dedupe object definition.

30. *(Previously presented)* The method of claim 27, further comprising:
saving the object.

31. *(Previously presented)* The method of claim 27, further comprising:
re-executing the work flow by traversing the object.

32. *(Previously presented)* The method of claim 27, further comprising:
creating a new work flow by modifying the object.

33. *(Previously presented)* The method of claim 21, further comprising:
 annotating at least one of the first group, third group, or any portion of any
document contained in the first group or the third group.

34. *(Previously presented)* The method of claim 21, wherein the first group of
documents is from at least one of a database, an external source, or the Internet.

35. *(Previously presented)* A method of organizing and analyzing information,
comprising:

 initiating a search of an input first group of documents to output a second
group of documents;

 initiating an analysis of an input third group of documents according to one or
more analytical functions to output a fourth group of documents; and

 selectively initiating at least one iteration of the search and at least one
iteration of the analysis, wherein each iteration of the search or the analysis is
performed using as the input one of the second group of documents, the fourth group
of documents, or the output of a previous iteration;

 wherein said selectively initiating at least one iteration includes:

 initiating an additional iteration of the search using the fourth group of
documents as input, to output a fifth group of documents.

36. *(Previously presented)* The method of claim 35, further comprising:
 making at least one of the second group or the fourth group a permanent group.
37. *(Previously presented)* The method of claim 35, wherein the initiating a search comprises:
 initiating a performance of a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.
38. *(Previously presented)* The method of claim 35, further comprising:
 initiating a performance of a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.
39. *(Previously presented)* The method of claim 38, wherein relevancy visualization analysis operates according to a rule book.
40. *(Previously presented)* The method of claim 39, wherein the rule book comprises patent specific rules.

41. *(Previously presented)* The method of claim 35, further comprising:
initiating a generation of an object corresponding to a search process
component or an analysis process component of a work flow represented by the
initiating of a search, the initiating of an analysis, and the selective initiating of at
least one iteration.
42. *(Previously presented)* The method of claim 41, wherein an object is generated
using object definitions.
43. *(Previously presented)* The method of claim 42, wherein the object definitions
comprise:
a boolean operation object definition;
a corporate family operating object definition;
an export object definition;
a folder object definition;
an import object definition;
a list exploder operation object definition;
a list object definition;
a query object definition; or
a patent family dedupe object definition.

44. *(Previously presented)* The method of claim 41, further comprising:
initiating a save of the object.
45. *(Previously presented)* The method of claim 41, further comprising:
initiating a re-execution of the work flow, wherein re-execution is
accomplished by traversing the object.
46. *(Previously presented)* The method of claim 41, further comprising:
creating a new work flow by modifying the object.
47. *(Previously presented)* The method of claim 35, further comprising:
annotating at least one of the first group, third group, or any portion of any
document contained in the first group or the third group.
48. *(Previously presented)* The method of claim 35, wherein the first group of
documents is from at least one of a database, an external source, or the Internet.
49. *(Previously presented)* A system, comprising:
a processor; and
a memory,
wherein the processor is capable of searching an input first group of
documents to output a second group of documents;

wherein the processor is capable of analyzing an input third group of documents according to one or more analytical functions to output a fourth group of documents;

wherein the processor is capable of selective iteration of at least one of the searching and at least one of the analyzing, wherein each iteration of the searching or the analyzing is performed using as the input one of the second group of documents, the fourth group of documents, or the output of a previous iteration;

wherein the processor is capable of performing an additional iteration of the searching using the fourth group of documents as input, to output a fifth group of documents.

50. *(Previously presented)* The system of claim 49, wherein the processor is capable of making at least one of the second group or the fourth group a permanent group.

51. *(Previously presented)* The system of claim 49, wherein the processor is capable of performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

52. *(Previously presented)* The system of claim 49, wherein the processor is capable of performing a relevancy visualization analysis of one of the first group and

the third group to identify how documents contained therein are inter-related with respect to key terms.

53. *(Previously presented)* The system of claim 52, wherein relevancy visualization analysis operates according to a rule book.

54. *(Previously presented)* The system of claim 53, wherein the rule book comprises patent specific rules.

55. *(Previously presented)* The system of claim 49, wherein the processor is capable of generating an object corresponding to a search process component or an analyze process component of a work flow represented by the searching, the analyzing, and the selective iteration.

56. *(Previously presented)* The system of claim 55, wherein an object is generated using object definitions.

57. *(Previously presented)* The system of claim 56, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;

an import object definition;
a list exploder operation object definition;
a list object definition;
a query object definition; or
a patent family dedupe object definition.

58. *(Previously presented)* The system of claim 55, wherein the processor is capable of saving the object.

59. *(Previously presented)* The system of claim 55, wherein the processor is capable of re-executing the work flow by traversing the object.

60. *(Previously presented)* The system of claim 55, wherein the processor is capable of creating a new work flow by modifying the object.

61. *(Previously presented)* The system of claim 49, wherein the processor is capable of annotating one of the first group, third group, or any portion of any document contained in the first group or the third group.

62. *(Previously presented)* The system of claim 49, wherein the first group of documents is from at least one of a database, an external source, or the Internet.

63. *(Previously presented)* A computer program product having control logic stored therein, the control logic, when executed, enabling a computer to provide a method for organizing and analyzing information, said computer program product comprising:

control logic capable of enabling the computer to search an input first group of documents to output a second group of documents;

control logic capable of enabling the computer to analyze an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

control logic capable of enabling the computer to selectively iterate at least one of the search and at least one of the analysis, wherein each iteration of the search or the analysis is performed using as the input one of the second group of documents, the fourth group of documents, or the output of a previous iteration;

wherein said control logic capable of enabling the computer to selectively iterate includes:

control logic capable of enabling the computer to perform an additional iteration of the search using the fourth group of documents as input, to output a fifth group of documents.

64. *(Previously presented)* The computer program product of claim 63, further comprising:

control logic capable of enabling the computer to make at least one of the second group or the fourth group a permanent group.

65. *(Previously presented)* The computer program product of claim 63, wherein the control logic capable of enabling the computer to search comprises:

control logic capable of enabling the computer to perform a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

66. *(Previously presented)* The computer program product of claim 63, further comprising:

control logic capable of enabling the computer to perform a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

67. *(Previously presented)* The computer program product of claim 66, wherein relevancy visualization analysis operates according to a rule book.

68. *(Previously presented)* The computer program product of claim 67, wherein the rule book comprises patent specific rules.

69. *(Previously presented)* The computer program product of claim 63, further comprising:

control logic capable of enabling the computer to generate at least one object corresponding to a search process component or analyze process component of a work flow represented by the search, the analyze, and the selective iteration.

70. *(Previously presented)* The computer program product of claim 69, wherein an object is generated using object definitions.

71. *(Previously presented)* The computer program product of claim 70, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;
- an import object definition;
- a list exploder operation object definition;
- a list object definition;
- a query object definition; or
- a patent family dedupe object definition.

72. *(Previously presented)* The computer program product of claim 69, further comprising:

control logic capable of enabling the computer to save the object.

73. *(Previously presented)* The computer program product of claim 69, further comprising:

control logic capable of enabling the computer to re-execute the work flow by traversing the object.

74. *(Previously presented)* The computer program product of claim 69, further comprising:

control logic capable of enabling the computer to create a new work flow by modifying the object.

75. *(Previously presented)* The computer program product of claim 63, further comprising:

control logic capable of enabling the computer to annotate one of the first group, third group, or any portion of any document contained in the first group or the third group.

76. *(Previously presented)* The computer program product of claim 63, wherein the first group of documents is from at least one of a database, an external source, or the Internet.

77. *(Previously presented)* A computer implemented device that executes control logic tangibly implemented therein to organize and analyze information, comprising:

a first control logic capable of searching an input first group of documents to output a second group of documents;

a second control logic capable of analyzing an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

a third control logic capable of selective iteration of at least one of the searching and at least one of the analyzing, wherein each iteration of the searching or the analyzing is performed using as the input one of the second group of documents, the fourth group of documents, or the output of a previous iteration;

wherein the third control logic is capable of enabling the first control logic to perform an additional iteration of the searching using the fourth group of documents as input, to output a fifth group of documents.

78. *(Previously presented)* The device of claim 77, further comprising:

a fourth control logic capable of making at least one of the second group or the fourth group a permanent group.

79. *(Previously presented)* The device of claim 77, wherein the first control logic comprises:

 a fourth control logic capable of performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

80. *(Previously presented)* The device of claim 77, further comprising:

 a fourth control logic capable of performing a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

81. *(Previously presented)* The device of claim 80, wherein relevancy visualization analysis operates according to a rule book.

82. *(Previously presented)* The device of claim 81, wherein the rule book comprises patent specific rules.

83. *(Previously presented)* The device of claim 77, further comprising:

 a fourth control logic capable of generating an object corresponding to a search process component or an analyze process component of a work flow represented by the search, the analyze, and the selective iteration.

84. *(Previously presented)* The device of claim 83, wherein an object is generated using object definitions.

85. *(Previously presented)* The device of claim 84, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;
- an import object definition;
- a list exploder operation object definition;
- a list object definition;
- a query object definition; or
- a patent family dedupe object definition.

86. *(Previously presented)* The device of claim 83, further comprising:
a fifth control logic capable of saving the object.

87. *(Previously presented)* The device of claim 83, further comprising:
a fifth control logic capable of re-executing the work flow by traversing the object.

88. *(Previously presented)* The device of claim 83, further comprising:
a fifth control logic capable of creating a new work flow by modifying the
object.

89. *(Previously presented)* The device of claim 77, further comprising:
a fourth control logic capable of annotating one of the first group, third group,
or any portion of any document contained in the first group or the third group.

90. *(Previously presented)* The device of claim 77, wherein the first group of
documents is from at least one of a database, an external source, or the Internet.